



# भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उपखण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० ३६१] नई दिल्ली, बुध्पतिवार, नम्बर ३, १९६६/कार्तिक १२, १९८८  
No. 361] NEW DELHI, THURSDAY, NOVEMBER 3, 1966/KARTIKA 12, 1888

इस भाग में भिन्न पृष्ठ संख्या दी जानी है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

## MINISTRY OF COMMERCE

### NOTIFICATIONS

*New Delhi, the 3rd November 1966*

**S.O. 3382.**—Whereas the Central Government is of opinion that in exercise of the powers conferred by section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), power driven pumps shall be subject to quality control and inspection prior to export;

And whereas the Central Government has formulated the proposals specified below for the said purpose and has forwarded the same to the Export Inspection Council, as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964;

Now, therefore, in pursuance of the said sub-rule, the Central Government publishes the said proposals for the information of the public likely to be affected thereby.

2. Notice is hereby given that any person desiring to forward any objection or suggestion with respect to the said proposals may forward the same within thirty days of the date of publication of this notification to the Export Inspection Council, 'World Trade Centre', 14/1-B, Ezra Street, (7th floor), Calcutta-1.

#### *Proposals*

- (1) To notify that power driven pumps shall be subject to quality control and inspection prior to export;
- (2) To specify the type of quality control and inspection in accordance with the draft Export of Power Driven Pumps (Quality Control and Inspection) Rules, 1966 set out in Annexure I to this notification as the type of quality control and inspection which would be applied to such power driven pumps;

## (3) To recognise—

- (a) the contractual specifications as agreed upon between the buyer and the seller, and
  - (b) in the absence of any contractual specifications, the specifications issued by the Indian Standards Institution for power driven pumps as given in Annexure II to this notification, as the standard specifications for power driven pumps,
- (4) To prohibit the export, in the course of international trade of such power driven pumps unless the same are either accompanied by a certificate issued by any of the Export Inspection Agencies established under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), to the effect that the power driven pumps are export-worthy or are affixed with a seal or mark recognised by the Central Government under section 8 of the said Act, indicating that the power driven pumps conform to either the contractual specifications or in the absence of any contractual specification, the Indian Standard specifications, specified in the said Annexure II.

2. Nothing in this notification shall apply to the export by land, sea or air of samples of power driven pumps aforesaid not exceeding one in number to prospective buyers.

3. **Definition.**—A device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all its spares, components and accessories.

## ANNEXURE I

*Draft rules proposed to be made under section 17 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963)*

1. **Short title and commencement.**—(1) These rules may be called the Export of Power Driven Pumps (Quality Control and Inspection) Rules, 1967.

(2) They shall come into force on 1st February, 1967.

2. **Definition.**—In these rules, unless the context otherwise requires—

- (a) 'Agency' means any one of the Export Inspection Agencies established at Cochin, Madras, Calcutta, Bombay and Delhi under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).
- (b) 'Power driven pumps' shall mean a device driven by a prime mover and used for raising fluids from a lower to a higher level or for imparting energy to fluids, and shall include all its spares, components and accessories.

3. **Quality Control.**—(1) The quality of the power driven pumps shall be ensured by effecting the following controls, at different stages of manufacture, preservation and packing of such product, as given below:

(A) *Manufacturing stage control*(i) *Bought out materials and components control*

- (a) Purchase specifications shall be laid down by the manufacturer incorporating the properties of materials/components to be used and the detailed dimensions thereof with tolerances.
- (b) The accepted consignments shall be either, accompanied by a supplier's test/inspection certificate corroborating the requirements of the purchase specification in which case occasional checks shall be conducted by the purchaser for a particular supplier to verify the correctness of the aforesaid test/inspection certificates, or, the purchased materials/components shall be regularly inspected/tested either in a laboratory within the factory or in an outside laboratory/test house.
- (c) The sampling for inspection/test to be carried out, shall be based on a recorded investigation.

- (d) After the inspection/test is carried out, systematic methods shall be adopted in segregating the accepted and rejected materials/components separately, and in disposal of rejected materials/components.
- (e) Correct and adequate records in respect of above mentioned controls shall be regularly and systematically maintained.
- (ii) *Process Control*
- (a) Detailed process specifications shall be laid down by the manufacturer for different processes of manufacture.
- (b) Equipments, instrumentation and facilities shall be adequate to control the processes as laid down in the process specifications.
- (c) Adequate records shall be maintained to ensure the possibility of verifying the controls exercised during the process of manufacture.
- (iii) *Product Control*
- (a) The manufacturer shall either have his own adequate testing facilities, or, shall have access to such testing facilities existing elsewhere to test the product as per the specification recognised under section 6 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963).
- (b) Sampling (wherever required) for testing shall be based on a recorded investigation.
- (c) The minimum levels of control that will be exercised on the product are given in the table below:

TABLE

Sl. No	Controls to be exercised	Specification for reference	Sample size	Lot size
<i>For complete pumps</i>				
1	Material	Specification recognised under section 6 of the Export (Quality Control and Inspection) Act, 1963.	One No.	Each batch of production.
2	Shapes and dimensions	Do.	Each	..
3	Workmanship and finish	Do.	Do.	..
4	Balancing of impellar	Do.	Do.	..
5	Hydrostatic Test	Do.	Do.	..
6	Hydraulic pressure test of casing	Do.	Do.	..
7	Complete performance to check the conformity with design curves, e.g.	Do.	Do.	..
	Capacity vs. Head			
	Capacity vs. KW/BHP			
	Capacity vs. efficiency			
*8	Speed characteristics (Tests shall be performed at the rated speed if the electric supply arrangements permit; if not, the pump shall be tested at a different speed suitable to the supply arrangements and the following rules shall be used for arriving at the performance at the rated speed)			
	(a) Capacity speed			
	(b) Head speed 2			
	(c) Power speed 3	Do.	Do.	

N.B.—\*For pumps requiring power consumption more than 100 KW—

- (a) for multistage pumps, it shall be tested only for those number of stages of the unit which comes within the (100 KW) power requirements;
- (b) for a single stage pump, the test shall be on a model pump geometrically similar to the actual pump and the laws of hydraulic similitude shall be applied for computing the performance of the actual pump.

Sl. No.	Controls to be exercised	Specification for reference	Sample size	Lot size
<i>Spares, components and accessories</i>				
1. Material . . . . .		Specification recognised under section 6 of the Export Quality Control and Inspection) Act 1963.	One No.	Each batch of production.
2. Shapes and dimensions . . . . .		Do.	Each	..
3. Workmanship and finish . . . . .		Do.	Do.	..
4. Casting defects and grade of casting . . . . .		Do. }	One No.	Each charge
5. Properties like—Hardness . . . . .		Do.	Do.	Do.
—Tensile strength . . . . .		Do.	Each	..
—Surface finish etc. . . . .		Do.	Do.	..
6. Interchangeability . . . . .		Do.	25%	Each batch of production.
7. Performance . . . . .		Do.	5% at random	Do.
N.B.—*Test bars to be prepared and tested.				

(d) Correct and adequate records in respect of tests carried out shall be regularly and systematically maintained.

(B) *Preservation Control*

(a) A detailed specification shall be laid down by the manufacturer to safeguard the product from adverse effects of weather conditions.

(b) The product shall be well preserved both during storage and during transit.

(C) *Packing Control*

(a) A specification shall be laid down for packing the aforesaid product.

(b) The package shall be well finished and have a good presentability.

(c) The inner contents of the package shall be so packed as to withstand Drop Test, Rolling Test and Water Spraying Test as given below:

(i) *Drop Test*

The package shall be dropped from a height of 125 cm once on the largest flat surface, once on the longest edge and once on any corner of its own and shall not cause any damage to either itself or its contents.

(ii) *Rolling Test*

The package shall be subject to rolling on its sides either 625 cm forward and 625 cm backward or 1250 cm in one direction only and shall not cause any damage to either itself or its contents.

(iii) *Water Spraying*

The package shall be allowed to be exposed against a water spray equivalent to a normal sudden monsoon shower for five minutes and the contents inside shall not be affected.

(2) *Inspection.*—The inspection of power driven pumps intended for export shall be carried out with a view to seeing that the above mentioned controls have been exercised at the relevant levels satisfactorily and the power driven pumps conform to the standard specifications applicable to it.

4. **Procedure of Inspection.**—(1) The exporter/manufacturer shall give intimation in writing to any one of the agencies recognised under section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963) and submit along with such intimation a declaration that the consignment of power driven pumps have been manufactured by exercising quality control measures as per controls referred to under rule 3 above, and that the consignment conforms to the requirements of the specifications recognised for this purpose.

(2) The exporter/manufacturer shall also furnish to the agency the identification marks applied on the consignment.

(3) Every intimation and declaration under sub-rule (1) shall reach the office of the agency not less than fifteen days prior to the despatch of the consignment from the manufacturer's premises.

(4) On receipt of the intimation and declaration under sub-rule (1), the agency, on satisfying itself that during the process of manufacture the manufacturer had exercised adequate quality controls to manufacture the power driven pumps according to the controls mentioned in rule 3 above shall, within three days of carrying out the inspection, issue a certificate declaring the consignment of power driven pumps as export-worthy/not export-worthy.

5. **Procedure for affixation of recognised mark.**—The provisions of the Indian Standards Institution (Certification Marks) Act, 1952 (36 of 1952), the Indian Standards Institution (Certification Marks) Rules, 1955 and the Indian Standards Institution (Certification Marks) Regulations, 1955, shall so far as may be, apply to the procedure of affixation of the recognised mark or seal on power driven pumps prior to export and power driven pumps so marked shall not be subjected to any inspection under rule 4 of these rules.

6. **Place of Inspection.**—Every inspection under these rules shall be carried out at the premises of the manufacturers.

7. **Inspection Fee.**—Subject to a minimum of Rs. 20 for each consignment, a fee of 20 paise per every hundred rupee of F.O.B. value of each such consignment shall be paid by the exporter/manufacturer to the inspection agency as inspection fee under rule 4 of these rules.

8. **Appeal.**—(1) Any person aggrieved by the refusal of the inspection agency to issue a certificate under sub-rule (4) of rule 4 may, within ten days of the receipt of the communication of such refusal by him, prefer an appeal to a Panel of Experts, consisting of not less than three persons, that may be constituted by the Central Government.

(2) The decision of the said panel of experts on such appeal shall be final.

#### ANNEXURE II

##### *Indian Standard Specification*

- |   |                |
|---|----------------|
| 1 Horizontal centrifugal pumps for clear, cold freshwater | IS : 1520—1960 |
| 2 Vertical turbine pumps for clear, cold and fresh water  | IS : 1710—1960 |

[No. 60(156)Exp. Imp/66.]

**S.O. 3383.**—In exercise of the powers conferred by section 7 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), the Central Government hereby recognises the following inspection agencies for quality control and pre-shipment inspection of power driven pumps for purposes of export, in granting the certificate under sub-rule (4) of rule 4 of the Export of Power Driven Pumps (Quality Control and Inspection) Rules, 1967, namely:

1. Export Inspection Agency, Cochin, 'Manohar Building', Mahatma Gandhi Road, Ernakulam-1.
2. Export Inspection Agency, Madras, 'World Trade Centre', 'Sire Mansion', 123, Mount Road, Madras-6.
3. Export Inspection Agency, Calcutta, 'World Trade Centre', 14/1-B, Ezra Street (7th floor), Calcutta-1.
4. Export Inspection Agency, Bombay, 'Harchandrai House', (1st floor), 81, Queens Road, Bombay-2.
5. Export Inspection Agency, Delhi, c/o Director (Quality Control), Ministry of Commerce, 'Udyog Bhavan', (Room No. 116), New Delhi.

[No. 60(156)/Exp. Imp/66.]

**S.O. 3384.**—Whereas the Central Government, in exercise of the powers conferred by section 8 of the Export (Quality Control and Inspection) Act, 1963 (22 of 1963), proposes to recognise the Indian Standards Institution Certification Mark with respect to power driven pumps for the purpose of denoting that where power driven pumps are affixed with such mark, they shall be deemed to be in conformity with the standard specification applicable thereto under clause (c) of section 6 of the said Act;

And whereas the Central Government has forwarded the aforesaid proposal to the Export Inspection Council as required by sub-rule (2) of rule 11 of the Export (Quality Control and Inspection) Rules, 1964;

Now, therefore, in pursuance of the said sub-rule, the Central Government hereby publishes the said proposal for the information of the public likely to be affected thereby.

2. Notice is hereby given that any person desiring to forward any objection or suggestion with respect to the said proposal may forward the same within thirty days of the publication of this notification to the Export Inspection Council, 'World Trade Centre', 14/1-B, Ezra Street, (7th floor), Calcutta-1.

[No. 60(156)Exp. Imp./66.]

A. C. BANERJEE, Jt. Secy.